

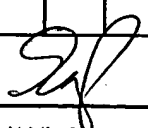


Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. PC3-060		PRIORITY SERIAL NO. 09/966,158	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Yuichi Iikubo, et al.			
					PRIORITY FILING DATE 9/28/2001		PRIORITY GROUP 1621	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	2,494,064	01/50	Simons, et al.	1	1		
	AB	2,005,706	06/35	H.W. Daudt, et al.				
	AC	2,005,707	06/35	H.W. Daudt, et al.				
	AD	2,576,823	11/51	A.F. Benning, et al.				
	AE	2,697,124	12/54	R.M. Mantell, et al.				
	AF	2,900,423	08/59	L.B. Smith, et al.				
	AG	2,942,036	06/60	L.B. Smith, et al.				
	AH	3,258,500	06/66	F.W. Swamer, et al.				
	AI	3,436,430	04/69	L.E. Halle et al.				
	AJ	3,636,173	01/72	L.E. Gardner				
	AK	3,803,241	04/74	I. Stolkin, et al.				
	AL	4,158,023	06/79	von Halasz				
	AM	5,043,491	08/91	Webster, et al.				
	AN	5,057,634	10/91	Webster, et al.				
	AO	5,068,472	11/91	Webster, et al.				
		AP	5,068,473	11/91			Kellner, et al.	
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AQ	1,162,511	05/91	CA				
	AR	2,081,813	10/92	CA				
	AS	0 349 115 A1	01/90	EP				
	AT	0 434 407 A1	06/91	EP				
	AU	0 442 075 B1	08/93	EP				
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AV	Herbert O. House, "Catalytic Hydrogenation and Dehydrogenation," Modern Synthetic Reactions, 2 nd ed., The Benjamin/Cummings Publications						
		Company (Menlo Park, CA), p. 1/2.						
EXAMINER				DATE CONSIDERED 5/14/06				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

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					PRIORITY FILING DATE 9/28/2001		PRIORITY GROUP 1621
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
SP	AA	5,146,018	09/92	Kellner, et al.			
	AB	5,171,901	12/92	Gassen, et al.			
	AC	5,177,273	01/93	Bruhke, et al.			
	AD	5,220,083	06/93	Webster, et al.			
	AE	5,268,343	12/93	Hopp, et al.			
	AF	5,364,992	11/94	Manogue, et al.			
	AG	5,430,204	07/95	Manogue, et al.			
	AH	5,446,219	08/95	Manogue, et al.			
	AI	5,621,151	04/97	Manogue			
	AJ	5,621,152	04/97	Jansen, et al.			
	AK	5,723,699	03/98	Miller, et al.			
	AL	5,902,911	05/99	Rao, et al.			
	AM	5,919,994	07/99	Rao			
	AN	6,018,083	01/00	Manogue, et al.			
	AO	6,156,944	12/00	Pham, et al.			
	AP	6,211,135	04/01	Miller, et al.			
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
SP	AQ	0 539 989 A1	05/93	EI		Yes	No
	AR	91/05752	05/91	WO			
	AS	96/17813	06/96	WO			
	AT	98/50327	11/98	WO			
	AU	99/26907	06/99	WO			
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
SP	AV	Dmitrii D. Moldavskii, "Technology for the Preparation of Perfluoro-Organic Compounds," <i>Journal of Fluorine Chemistry</i> , Elsevier Science					
		S.A. (Netherlands), Vol. 94 (No. 2), p. 157-167, (February 5, 1999).					
EXAMINER				DATE CONSIDERED			
				5/14/06			
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. PC3-460		PRIORITY SERIAL NO. 09/966,158	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Yuichi Iikubo, et al.			
					PRIORITY FILING DATE 9/28/2001		PRIORITY GROUP 1621	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
AA								
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
						Yes	No	
	AB	99/62851	12/99	WO				
	AC	428,361	09/30	UK				
	AD	428,443	05/35	UK				
	AE	468,447	08/37	UK				
	AF	790,335	02/58	UK				
	AG	1,077,932	08/67	UK				
	AH	1,359,023	07/74	UK				
	AI	1,578,933	11/80	UK				
	AJ							
	OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AK	J. Kvicala, et al., "Preparation of Perhalogenated Chlorofluoropropanes by Halogen Exchange in the Liquid and Vapour Phases and Their Isomer Analyses by 19F NMR Spectroscopy," <i>Journal of Fluorine Chemistry</i> , Elsevier Sequoia (Netherlands), p. 155-175, (February 5, 1989).						
	AL	F.J. Mettillie, et al., "Methods for the Introductions of Hydrogen Into Fluorinated Compounds," <i>Fluorine Chemistry Reviews</i> , 1 st ed., Vol. 1 (No. 2), p. 315-358, (February 5, 1967).						
	AM	Dr. Mark D. Cisneros, et al., "An Integrated Approach to Achieve Low Environmental Impact in the Special Hazards Fire Suppression Industry," Great Lakes Chemical Corporation (West Lafayette, Indiana), p. 1-8.						
	AN	Viacheslav A. Petrov, et al., "Isomerization of Halopolyfluoroalkanes by the Action of Aluminum Chlorofluoride," <i>Journal of Fluorine Chemistry</i> , Elsevier Science S.A. (Netherlands), p. 125-130, (February 5, 1998).						
	AO	B.P. Aggarwal, et al., "Chlorination of Propane and Propylene and Pyrolysis of Perchloropropane," <i>Petroleum & Hydrocarbons</i> , Vol. 3 (No. 2), p. 69-72, (July 5, 1968).						
	AP	Albert L. Henne, et al., "Fluorinated Derivatives of Propene and Propylene," p. 496-497, (March 5, 1946).						
EXAMINER				DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. PC3-060		PRIORITY SERIAL NO. 09/966,158	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Yuichi Iikubo, et al.			
					PRIORITY FILING DATE 9/28/2001		PRIORITY GROUP 1621	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AK		Kirk-Othmer, "Encyclopedia of Chemical Technology," Catalysis, 3 rd ed., John Wiley & Sons (New York), p. 16-18.					
	AL		Milos Hudlicky, "Chemistry of Organic Fluorine Compounds, A Laboratory Manual with Comprehensive Literature Coverage, 2 nd ed., Ellis Horwood (New York), p. 170-179, (February 8, 1992).					
	AM							
	AN							
	AO							
	AP							
EXAMINER 				DATE CONSIDERED 5/14/06				
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PC2-080		SERIAL NO. 10528730	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Valent Ilubov, et al.			
				FILING DATE 10/31/2003		GROUP Unknown	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	6,281,395	8/29/2001	Nappa et al.			
	AB	6,376,717	4/23/2002	Rao et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (including Author, Title, Date, Periodic Pages, Etc.)							
	AR						
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	AT						
EXAMINER				DATE CONSIDERED 5/14/06			
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PC1-060		SERIAL NO. 10596730	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Yuichi Ikubo, et al.			
				FILING DATE 10/11/2003		GROUP 1021	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Applicable
2/8	AA	2,494,044	1/10/1950	Simons et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
2/8	AM	902,590	8/1/1962	UK			Yes No
	AN	EP 0 339 989 B1	6/12/1997	EP			
	AO	09/51553	10/14/1999	PCF			
	AP						
	AQ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
2/8	AR	"Technology of Fluoropolymers" Dobny, CRC Press Vols. 78-79; pp. 11-11, and 18-19.					
	AS						
	AT						
EXAMINER				DATE CONSIDERED			
2/8				5/19/06			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PCI-040		SERIAL NO. 10821720	
LIST OF ART CITED BY APPLICANT (Use second sheet if necessary)				APPLICANT Vulchi Ekhbe et al.			
				FILING DATE October 31, 2003		GROUP 1021	
U.S. PATENT DOCUMENTS							
* Examiner Initial	Document Number	Date	Name	Class	Section	Filing Date If Applicable	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Section	Translation	
						Yes	No
	AM	PCT/US02/21720	09/27/2002	PCT-International Preliminary Examination Report			
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (Including Author, Title, Date, Paragraph, Page, Etc.)							
	AR						
	AS						
	AT						
EXAMINER		DATE CONSIDERED 5/19/06					
*EXAMINER: Indicate if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. PC3-060		SERIAL NO. 10/698,730	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Yuichi Iikubo et al.			
					FILING DATE October 31, 2003		GROUP 1621	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	4,876,405	0/24/89	Gervasutti	570	156		
	AB	5,523,501	06/04/96	Kellner et al.	570	176		
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
	AM	698,386	10/14/53	Great Britain			Yes	No
	AN	PCT/US2004/023917	07/22/04	Int'l Search Report			X	
	AO	PCT/US2004/023917	07/22/04	Written Opinion				
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
EXAMINER		DATE CONSIDERED 5/14/06						
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